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TITLE: METHODS OF MEASURING AND  
EVALUATING AMOUNT OF BRAN...  
INVENTORS: Shigeharu KANEMOTO, et al.  
SERIAL NO.: Not Assigned  
DOCKET NO.: 1579.1007

FIG. 1

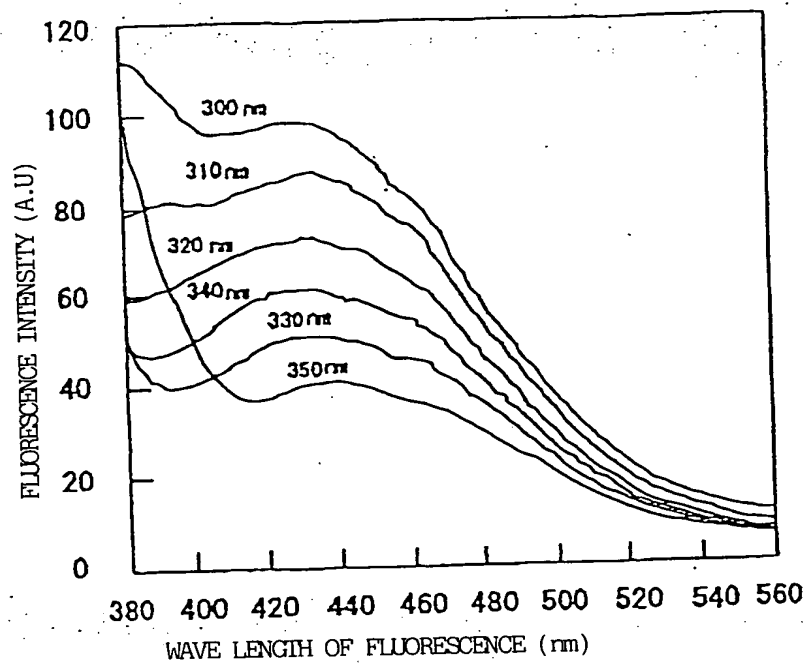


FIG. 2

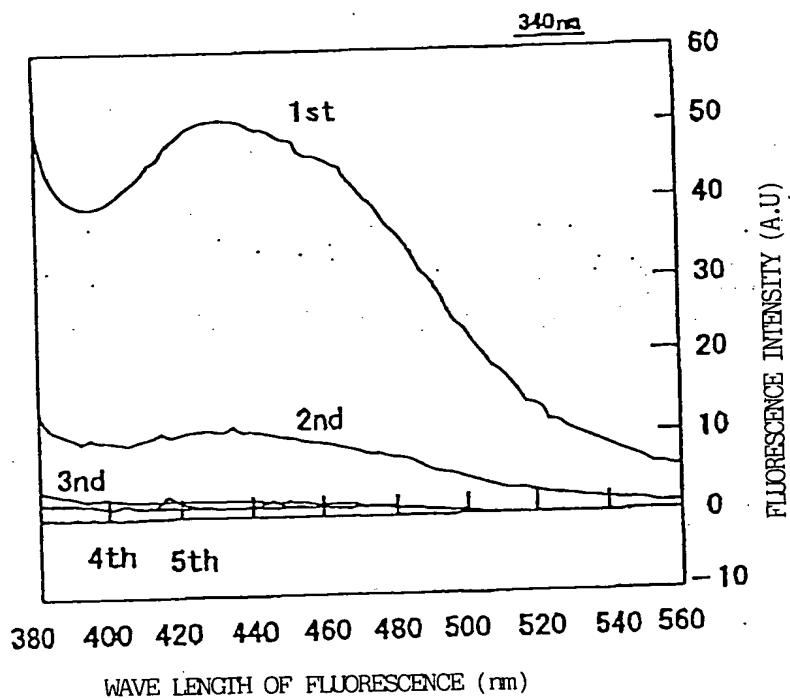


FIG. 3

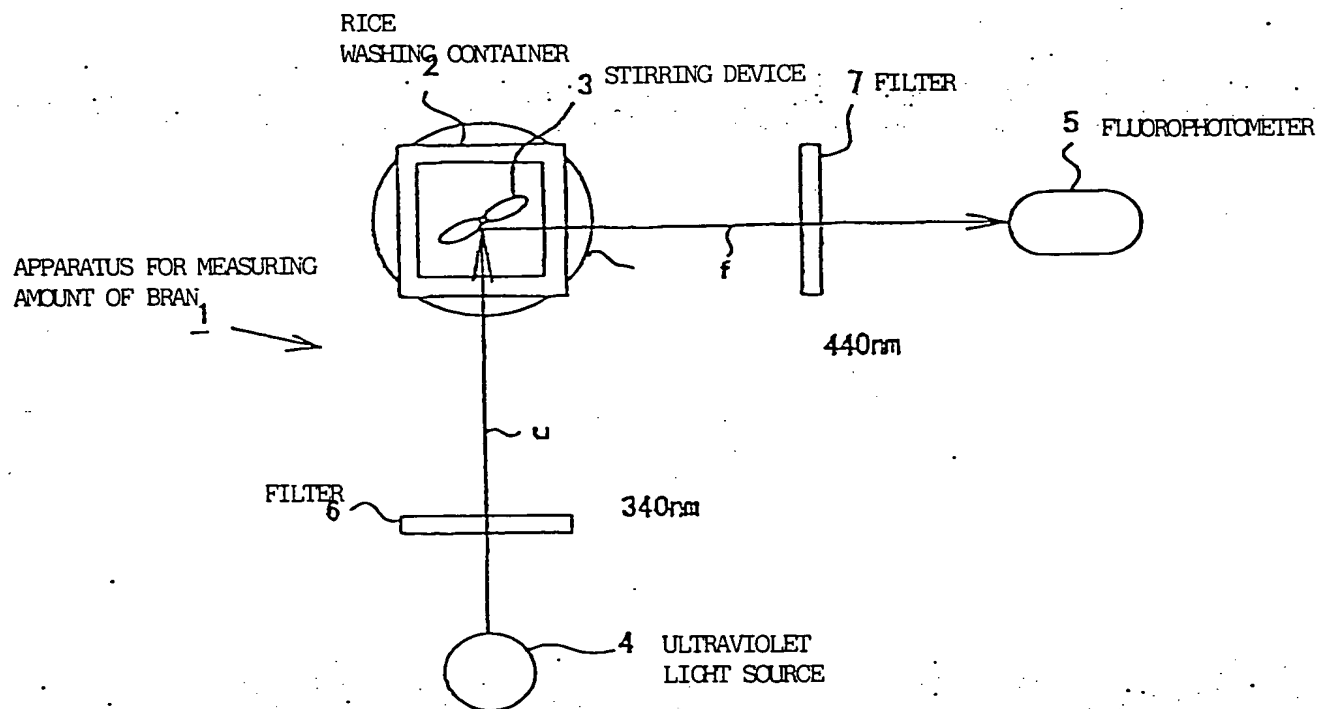


FIG. 4

RICE USED  
(VARIETY:MIYAGI HITOMEBORE HARVESTED IN YEAR 2000)

SAMPLE		REMARKS
POLISHED RICE	A	YIELD 91.7%
	B	YIELD 90.7%
	C	YIELD 89.3%
DRY NON-BRAN RICE	A	PROCESSING POLISHED RICE A
	B	PROCESSING POLISHED RICE B
	C	PROCESSING POLISHED RICE C
WET NON-BRAN RICE	A	PROCESSING POLISHED RICE A
	B	PROCESSING POLISHED RICE B
	C	PROCESSING POLISHED RICE C

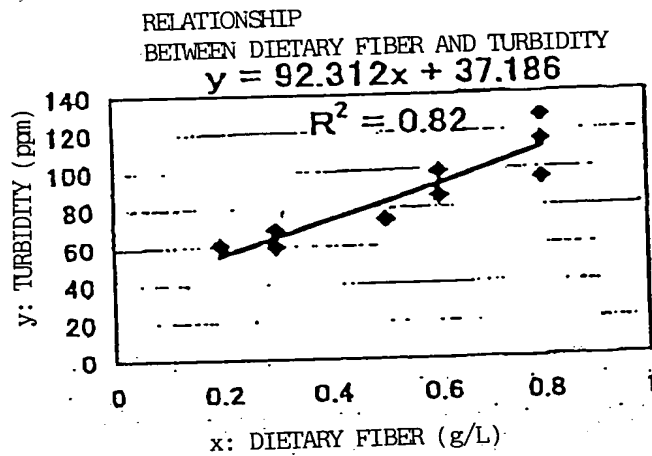
FIG. 5

SAMPLE	DIETARY FIBER (g/L)	TURBIDITY (ppm)	EVAPORATED DRIED RESIDUE ( $\mu$ g/L)	FLUORESCENCE INTENSITY (A.U.)	STARCH ( $\mu$ g/L)	EVALUATION
POLISHED RICE	A	128	3010	59	1010	FAIR
	B	115	2450	53	910	
	C	95	1990	51	860	
DRY NON-BRAN RICE	A	99	1950	39	780	GOOD
	B	86	1580	38	690	
	C	74	1200	33	560	
WET NON-BRAN RICE	A	69	1460	14	450	EXCELLENT
	B	61	1070	11	380	
	C	60	900	15	350	

FIG..6

ITEM TO BE ANALYZED	MEASURING METHOD
TURBIDITY	TURBIDIMETER M-204 (NODA TSUSHIN)
EVAPORATED DRIED RESIDUE	EVAPORATE THE SUPERNATANT LIQUID TO DRYNESS OVERNIGHT AND WEIGH THE RESIDUE
STARCH	COLORIMETRY GLUCOSE OXIDASE METHOD AFTER ACID DECOMPOSITION
DIETARY FIBER	ENZYME/GRAVIMETRY, AACC METHOD

FIG. 7



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FIG. 8

